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| APPLICATION NO.      | FILING DATE                        | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|----------------------|------------------------------------|----------------------|---------------------|------------------|
| 10/826,273           | 04/19/2004                         | Osamu Tsuneoka       | 252070US3           | 9913             |
|                      | 7590 01/05/200<br>AK, MCCLELLAND I | EXAMINER             |                     |                  |
| 1940 DUKE STREET     |                                    |                      | TRINH, THANH TRUC   |                  |
| ALEXANDRIA, VA 22314 |                                    |                      | ART UNIT            | PAPER NUMBER     |
|                      |                                    | 1795                 |                     |                  |
|                      |                                    |                      |                     |                  |
|                      |                                    |                      | NOTIFICATION DATE   | DELIVERY MODE    |
|                      |                                    |                      | 01/05/2009          | ELECTRONIC       |

## Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdocket@oblon.com oblonpat@oblon.com jgardner@oblon.com

## Advisory Action Before the Filing of an Appeal Brief

| Application No.  | Applicant(s)    |  |
|------------------|-----------------|--|
| 10/826,273       | TSUNEOKA ET AL. |  |
| Examiner         | Art Unit        |  |
| THANH-TRUC TRINH | 1795            |  |

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|--|--|---|--|--|--|--|--|--|
|  | THANH-TRUC TRINH   | 1795  |  |  |  |  |  |  |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address  |  |   |  |  |  |  |  |  |
| THE REPLY FILED 16 December 2008 FAILS TO PLACE THIS   | S APPLICATION IN CONDITION F   | OR ALLOWANCE.   |  |  |  |  |  |  |
| The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods: |  |   |  |  |  |  |  |  |
| a) The period for reply expires <u>3</u> months from the mailing date  | of the final rejection.  |   |  |  |  |  |  |  |
| b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. I no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  |  |   |  |  |  |  |  |  |
| Examiner Note: If box 1 is checked, check either box (a) or (MONTHS OF THE FINAL REJECTION. See MPEP 706.07(   | (b). ONLY CHECK BOX (b) WHEN THE<br>f).  | FIRST REPLY WAS FI  | LED WITHIN TWO                           |  |  |  |  |  |
| Extensions of time may be obtained under 37 CFR 1.136(a). The date have been filed is the date for purposes of determining the period of exunder 37 CFR 1.17(a) is calculated from: (1) the expiration date of the set forth in (b) above, if checked. Any reply received by the Office later may reduce any earned patent term adjustment. See 37 CFR 1.704(b) NOTICE OF APPEAL   | on which the petition under 37 CFR 1.13<br>tension and the corresponding amount of<br>shortened statutory period for reply origing<br>than three months after the mailing date | of the fee. The appropria<br>nally set in the final Offic | ate extension fee<br>e action; or (2) as |  |  |  |  |  |
| 2. The Notice of Appeal was filed on A brief in comp filing the Notice of Appeal (37 CFR 41.37(a)), or any externation Notice of Appeal has been filed, any reply must be filed w  | nsion thereof (37 CFR 41.37(e)), to  | avoid dismissal of the                                    |  |  |  |  |  |  |
| AMENDMENTS   |  |   |  |  |  |  |  |  |
| 3. The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because (a) They raise new issues that would require further consideration and/or search (see NOTE below); (b) They raise the issue of new matter (see NOTE below); (c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for   |  |   |  |  |  |  |  |  |
| appeal; and/or   |  |   |  |  |  |  |  |  |
| (d) ☐ They present additional claims without canceling a NOTE: See Continuation Sheet. (See 37 CFR 1.1   |  | ected claims.   |  |  |  |  |  |  |
| 4. The amendments are not in compliance with 37 CFR 1.12   |  | mpliant Amendment (                                       | PTOL-324)                                |  |  |  |  |  |
| 5. Applicant's reply has overcome the following rejection(s)   |  | inplication among (                                       | 102 021).                                |  |  |  |  |  |
| <ol> <li>Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amendment non-allowable claim(s).</li> </ol>   |  |   |  |  |  |  |  |  |
| 7.  For purposes of appeal, the proposed amendment(s): a) how the new or amended claims would be rejected is provided the status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: Claim(s) withdrawn from consideration:   |  | l be entered and an e                                     | xplanation of                            |  |  |  |  |  |
| AFFIDAVIT OR OTHER EVIDENCE  |  |   |  |  |  |  |  |  |
| <ol> <li>The affidavit or other evidence filed after a final action, bu<br/>because applicant failed to provide a showing of good and<br/>was not earlier presented. See 37 CFR 1.116(e).</li> </ol>   | d sufficient reasons why the affidavi  | t or other evidence is                                    | necessary and                            |  |  |  |  |  |
| 9. The affidavit or other evidence filed after the date of filing<br>entered because the affidavit or other evidence failed to o<br>showing a good and sufficient reasons why it is necessary  | vercome <u>all</u> rejections under appea  | ıl and/or appellant fail                                  | s to provide a                           |  |  |  |  |  |
| 10. The affidavit or other evidence is entered. An explanatio  | n of the status of the claims after er   | ntry is below or attach                                   | ed.                                      |  |  |  |  |  |
| REQUEST FOR RECONSIDERATION/OTHER  11. The request for reconsideration has been considered bu  | t does NOT place the application in  | condition for allowan                                     | oo boosuso:                              |  |  |  |  |  |
| Applicant argues that Brittain filas to describe the therma combustion process as recited in Claim 12. However, the  | al medium on the high temperature<br>e Examiner maintains that Brittain t  | is an exhaust gas sub<br>eaches the thermal m             | edium on the                             |  |  |  |  |  |
| high temperature system is an exhaust gas subsequent  12. Note the attached Information Disclosure Statement(s).   |  | i. 8 lines 1-27 and Fig                                   | ure ∠.                                   |  |  |  |  |  |
| 13. Other:   | (  |   |  |  |  |  |  |  |
| /Nam X Nguyen/<br>Supervisory Patent Examiner, Art Unit 1753   |  |   |  |  |  |  |  |  |

Continuation of 3. NOTE: The composition of the Markush group presented in claim 9 has been altered in a way that has not been presented in any prior version of the claim..